

Notice of Allowability

Application No.

10/609,367

Examiner

Angel A. Castro

Applicant(s)

SEO, SEONG-KO

Art Unit

2627

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☐ This communication is responsive to ____.
2. ☒ The allowed claim(s) is/are 1-16.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: ____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date ____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date ____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date ____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413), Paper No./Mail Date ____.
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other ____.


ANGEL CASTRO
PRIMARY EXAMINER

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-16 are allowed.
2. The following is an examiner's statement of reasons for allowance:

The prior art of record neither suggest nor renders obvious the instant combination in a front panel assembly mounted on a body of a disk drive comprising a front panel having an entrance through which a tray for accommodating the disk extends and retracts; a door that is rotationally assembled with the front panel to open and close the entrance in connection with extension and retraction of the tray; an elastic member that provides an elastic force to the door in the direction of closing the entrance; and a door locking apparatus that selectively allows and prevents the rotation of the door in connection with the extension and retraction of the tray as set forth in independent claim 1 and figures 3-5 of the specification.

The prior art of record neither suggest nor renders obvious the instant combination in a disk drive having a body, and a tray for accommodating the disk, which is retracted in or extended from the body, and a front panel assembly mounted on the body, which allows the tray to retract and extend, wherein the front panel assembly comprises a front panel having an entrance through which the tray extends and retracts; a door that is rotationally assembled with the front panel to open and close the entrance in connection with extension and retraction of the tray; an elastic member that provides an elastic force to the door in the direction of closing the entrance; and a door locking apparatus that selectively allows and prevents the rotation of the

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door in connection with the extension and retraction of the tray as set forth in independent claim 4 and figures 3-5 of the specification.

The prior art of record neither suggest nor renders obvious the instant combination in a front panel assembly of a disk drive including a body, and a tray that retracts into and extends from the body and accommodates a disk, the front panel assembly comprising: a front panel that is combined with the body, and has an entrance through which the tray extends and retracts; a door combined with the front panel to open and close the entrance in connection with extension and retraction of the tray; an elastic member that biases the door in a closing direction; and a door locking apparatus that selectively allows and prevents the opening of the door in connection with extension and retraction of the tray as set forth in independent claim 7 and figures 3-5 of the specification.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angel A. Castro whose telephone number is 571-272-7584. The examiner can normally be reached on Monday through Thursday, 8 AM to 6 PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hoa T. Nguyen can be reached on 571-272-7579. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

A handwritten signature in black ink that reads "Angel Castro C". The signature is fluid and cursive, with a large initial "C" at the end.

Angel Castro, Ph.D.